

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/010639

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C22F1/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C21D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 010, no. 377 (C-392), 16 December 1986 (1986-12-16) -& JP 61 170551 A (TOUGOU SEISAKUSHO:KK), 1 August 1986 (1986-08-01) abstract; figures 1-3; tables 1-4 -----	1,8,9
X	WAGNER L.: "Mechanical surface treatments on titanium, aluminium and magnesium alloys" MATERIALS SCIENCE AND ENGINEERING, vol. A, no. 263, 1999, pages 210-216, XP002348035 cottbus, germany paragraph '0002!; figure 5 ----- -/--	1,8,9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

6 October 2005

Date of mailing of the international search report

19/10/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Rischard, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 195 17 275 A1 (BREHM, PETER, 91085 WEISENDORF, DE) 14 November 1996 (1996-11-14) column 2, lines 19-41; claims 1-9 -----	10-13
A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 05, 30 June 1995 (1995-06-30) & JP 07 041806 A (NIPPON STEEL CORP), 10 February 1995 (1995-02-10) abstract -----	1-17
A	US 6 267 558 B1 (DINGWELL WILLIAM T ET AL) 31 July 2001 (2001-07-31) column 5, lines 35-66 -----	1-17
A	US 4 287 740 A (KUMAR ET AL) 8 September 1981 (1981-09-08) column 1, line 39 - column 3, line 52; claims 1-8 -----	1-17
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 468 (C-1102), 26 August 1993 (1993-08-26) & JP 05 112857 A (NIPPON STEEL CORP), 7 May 1993 (1993-05-07) cited in the application abstract; figure 5 -----	1-17

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Information on patent family members

International Application No

PCT/JP2005/010639

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 61170551	A	01-08-1986	JP 1867478 C	26-08-1994
			JP 5080544 B	09-11-1993
DE 19517275	A1	14-11-1996	NONE	
JP 07041806	A	10-02-1995	NONE	
US 6267558	B1	31-07-2001	NONE	
US 4287740	A	08-09-1981	NONE	
JP 05112857	A	07-05-1993	NONE	